



**City of Seattle**  
**Seattle Department of Construction and Inspections**  
**Engineering Services**

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JON R O'HARE  
17479 7TH AVE SW  
NORMANDY PARK, WA 98166

Re: Project #6508387-CN

### **Correction Notice #1**

**Review Type** ENERGY, MECHANICAL  
**Project Address** 423 2ND AV ET S  
SEATTLE, WA 98104  
**Contact Email** JON@PERMITCNW.COM  
**SDCI Reviewer** Marsha Poon  
**Reviewer Phone** (206) 615-1619  
**Reviewer Email** Marsha.Poon@seattle.gov  
**Owner** BRITTNAY SHULMAN

**Date** October 01, 2020  
**Contact Phone** (425) 301-9541

**Address** Seattle Department of Construction and  
Inspections  
700 Fifth Ave  
Suite 2000  
P.O. Box 34019  
Seattle, WA 98124-4019

### **Applicant Instructions**

**You will not be able to upload corrected plans until all reviews are completed and the project's review status is "Corrections Required".**

**\*\*\* Respond by providing a written response to each correction AND identify changes to drawings since initial review. \*\*\***

Drawings shall be **legible**, with sheets **oriented correctly**, on an appropriate **sheet size**, with all revisions/changes **clouded or circled**, with **no missing sheets**, and uploaded in a **single PDF file**.

Link for detailed steps: ["How to Respond to a Correction Notice"](#). If the 3-step process outlined in this document is not followed, your response could be **rejected**, permit issuance could be **delayed**, and **penalty fees** could be assessed.

### **Codes Reviewed**

This project has been reviewed for conformance with the following codes: 2015 Seattle Mechanical Code (SMC); 2015 Seattle Energy Code (SEC); 2015 Seattle Fuel Gas Code (SFGC); and 2015 Seattle Building Code (SBC).

## Corrections

### 1. C407 report compliance with 2015 Seattle Energy Code:

- a. Page 4: This project is a substantial alteration, and in compliance with SEC section 505.8. Provide a statement in report. Also, to include the two options selected for Additional Efficiency Package options per section C406.
- b. Page 23: infiltration has an error message.
- c. Page 14, "Energy consumption by end-use": The proposed for service water heating and pumps are not matching BEPS report page 519. Please explain.
- d. Page 20: 1) Please include product information such as U factor & SHGC, NFRC CPD numbers or simulation report for the proposed fenestrations. Provide calculations for the area weighted average U factor. Are the existing windows included in energy modeling? 2) Please include roof R2, thermal floor over trash area (this floor ID is missing on drawing), and thermal walls between trash area and heated/conditioned spaces such as B2 & A1. 3) Provide thermal envelope diagram to identify conditioned/heated spaces.
- e. Page 9: SRD HVAC system states DOAS meeting section C503.6 is incorrect. Please revise.
- f. page 32: This page states there are six air to water heat pumps, and M004 equipment schedule shows 12 inverter driven air source heat pumps. Are these the same equipment?
- g. Page 12: The control to reduce flowrate and fan power for ERV is missing on M004 ERV schedule. Please explain.
- h. Page 7: DOAS with energy recovery is required for offices per section C403.6, provide discussion on DOAS regarding the efficiencies in baseline and proposed design. Provide reference M sheet number.
- i. Page 7: Provide discussion regarding the interlock for the openable windows and cooling equipments with reference drawing number for the control.

### 2. Provide air barrier/ thermal envelope diagram for the building on drawing.

3. A100 & A101: Provide code required insulation or include these walls in calculations for the walls between the trash/recycling area and heated spaces. Provide section/detail showing insulation R value for the ceiling above trash area (floor below heated/conditioned space).

### 4. Provide energy code compliance notes on A sheet stating the followings:

- a. The two options selected for Additional Efficiency Package Options per 2015 SEC section C406.
- b. DOAS with energy recovery per section C403.6 for offices and retails.
- c. Energy modeling C407 compliance path per C503.8.3 # 3.3 substantial alteration.
- d. Energy metering and energy consumption management per section C409.

### 5. A400: Provide R value for 2.5" insulation in detail X2.

6. M007: Transformer vault exhaust shall be minimum of 10 ft. from unprotected opening and outside air intake per 2015 Seattle Mechanical Code section 501.3.1 #7, Provide a note on roof plan.

### 7. M202: Where is EF-comm located?

### 8. A106:

- a. Provide a note stating the code required onsite renewable energy production per section C411 on roof plan.
- b. Provide compliance note for solar readiness per section C412 on roof plan.

### 9. M004: Provide heating and cooling load calculations and equipment sizing per section C403.2

☐ Revised Schedule

☐ Addition to Previous Schedule

☒ 2012 SEBC Prescriptive



## SDCI Geotechnical Inspections Schedule

**Project Number** 6508387-CN

**Date** 10/1/2020 9:31:07 AM

**Project Address** 423 2ND AV ET S  
SEATTLE, WA 98104

**SDCI Plan Examiner** Marsha Poon

**Architect**  
**Engineer**

**Architect Phone**  
**Engineer Phone**

Prior to issuance of a building permit, the owner, architect, or engineer acting on behalf of the owner shall appoint an inspection agency and shall sign and submit this form to the building official.

### Property Owner, Architect, or Engineer Signature

I hereby certify that the geotechnical engineer named below has been engaged to perform the special inspections outlined below as required by the Seattle Building Code. It is the responsibility of the owner or the owner's designee to notify the inspection agency or observer in a timely manner when the inspections listed below are required.

\_\_\_\_\_  
Signature Title Date Phone

\_\_\_\_\_  
Geotechnical Engineering Firm Name

\_\_\_\_\_  
Geotechnical Engineering Firm Phone

### Required Special Inspections

Inspection Type	Description
1. Micropile Installation & Test	
2. Pin Pile Installation	3-inch-diameter
3. Pin Pile Installation Load Test	3-inch-diameter

**Call (206) 684-8860 to schedule a pre-construction conference before the start of construction**

☐ Revised Schedule

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## SDCI Statement of Structural Special Inspection

**Project Number** 6508387-CN

**Date** 10/1/2020 9:31:07 AM

**Project Address** 423 2ND AV ET S  
SEATTLE, WA 98104

**SDCI Plan Examiner** Marsha Poon

**Architect**  
**Engineer**

**Architect Phone**  
**Engineer Phone**

Prior to issuance of a building permit, the owner, architect, or engineer acting on behalf of the owner shall appoint an inspection agency and shall sign and submit this form to the building official.

### Property Owner, Architect, or Engineer Signature

I hereby certify that the engineering firm and inspection agency named below has been engaged to perform the special inspections outlined below as required by the Seattle Building Code. It is the responsibility of the owner or the owner's designee to notify the inspection agency or observer in a timely manner when the inspections listed below are required.

\_\_\_\_\_  
Signature Title Date Phone

\_\_\_\_\_  
Inspection Agency Name Inspection Agency Phone

### Required Special Inspections

Inspection Type	Description
1. Cold Formed Steel Framing	
2. Epoxy Grouting	
3. Reinforced Concrete - Cip	
4. Mechanical Anchor Bolt Installation	
5. Structural Steel Erection	
6. Structural Steel Fabrication	
7. Steel Seismic Resistance System	

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Project #6508387-CN, Correction Notice #1

Seattle Department of Construction and Inspections

700 Fifth Ave, Suite 2000, P.O. Box 34019, Seattle, WA 98124-4019

An equal employment opportunity, affirmative action employer. Accommodations for people with disabilities provided upon request.

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## SDCI Statement of Structural Observation

**Project Number** 6508387-CN

**Date** 10/1/2020 9:31:07 AM

**Project Address** 423 2ND AV ET S  
SEATTLE, WA 98104

**SDCI Plan Examiner** Marsha Poon

**Architect**  
**Engineer**

**Architect Phone**  
**Engineer Phone**

Prior to issuance of a building permit, the owner, architect, or engineer acting on behalf of the owner shall appoint an engineering firm to provide structural observation and shall sign and submit this form to the building official.

### Property Owner, Architect, or Engineer Signature

I hereby certify that the engineering firm named below has been engaged to perform structural observation required by the Seattle Building Code. It is the responsibility of the owner or the owner's designee to notify the observer in a timely manner when observation is required.

\_\_\_\_\_  
Signature Title Date Phone

\_\_\_\_\_  
Structural Observation Firm Name Structural Observation Firm Phone

**Call (206) 684-8860 to schedule a pre-construction conference before the start of construction**